

biorapid HIV 1+2 (Cod. 3000-1069, 20 T)

INTENDED USE

biorapid HIV-1+2 is a rapid one step immunochromatographic test for the detection of antibodies to HIV-1 and HIV-2 in Human Serum, Plasma or Whole Blood.

PRINCIPLE

biorapid HIV-1+2 utilises the direct sandwich principle. The test device contains immobilised recombinant antigens representing the immunodominant regions of the envelope proteins of HIV-1 (gp41 and gp120) and HIV-2 (gp36) in the Test zone of the membrane. HIV-1 and HIV-2 recombinant antigens labelled with colloidal gold are also impregnated in the sample pad. The HIV-gold conjugate reacts with HIV antibody present in the test specimen and the complex migrates along the membrane. In the test zone of the membrane, the complex of gold labelled-HIV and antibody will bind together the immobilised antigens and form a sandwich structure that is seen as a pink/red band. Excess conjugate forms a second band in the control zone of the device that indicates proper performance of the reagents.

KIT COMPONENTS

- * 20 **biorapid HIV1+2** devices
- * buffer solution
- * 20 disposable pipettes

TEST FEATURES

SAMPLE: Serum/plasma/ whole blood
PROTOCOL:

- Transfer 2 drops of serum, plasma or blood in the sample area
- Add 2 drops of buffer solution
- Incubate 10 min at room temperature
- Read

RESULTS: Qualitative.

SENSITIVITY

- 100% in BBI Anti-HIV-1 panes for seroconversion: AC, AF, AI and J
- 100% in BBI Anti HIV Mixed titre performance panel (PRB 203)

TEST APPLICATIONS

HIV1+2 screening.

EVALUATIONS / PUBLICATIONS

- Internal studies biokit QC department
- BBI Anti-HIV-1 panes for seroconversion: AC, AF, AI and J
- BBI Anti HIV Mixed titre performance panel (PRB 203)
- ADM HIV panel (Agence du Medicament, France)
- SFTS HIV panel (Société Française de Transfusion sanguine)

OFFICIAL APPROVALS

- Ministerio de Salud, Venezuela.
- Ministerio de Salud, Perú.
- Ministerio de Salud, Uruguay.
- Health Ministry, Lietuva.
- Ministry of Health, Bielorrusia.